

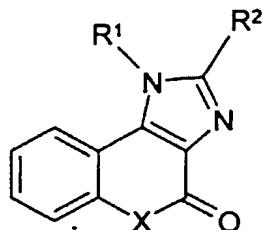
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. Canceled
2. Canceled
3. Canceled
4. Canceled

Please add the following new claims:

5. (New) A method of treating allergic disorders, asthma, chronic bronchitis, atopic dermatitis, psoriasis, skin disorders, inflammatory disorders, autoimmune diseases, osteoporosis, transplant rejection reactions, cachexia, tumour growth, tumour metastases, sepsis, memory disturbances or atherosclerosis comprising administering, to a host in need thereof, an effective amount of a compound of formula I



I

in which

R¹ is H, A, benzyl, indan-5-yl, 1,2,3,4-tetrahydronaphthalen-5-yl, dibenzothien-2-yl, or phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, A, A-CO-NH, benzyloxy, alkoxy, COOH or COOA,

R² is H or A,

X is O or S,
Hal is F, Cl, Br or I,
A is alkyl with 1 to 6 C atoms,
or a physiologically acceptable salt or solvate thereof.

6. (New) A method according to claim 5, wherein the autoimmune disorder is rheumatoid arthritis, multiple sclerosis, Crohn's disease, diabetes mellitus or ulcerative colitis or AIDS.

7. (New) A method according to claim 3, wherein the compound of formula I is
1-Phenyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Benzyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Cyclohexyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Cyclopentyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Butyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Isopropyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Propyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Ethyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Methyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
[1]Benzopyrano[3,4-d]imidazol-4-(1H)-one,
2-Methyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,

1-Phenyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Benzyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Cyclohexyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Cyclopentyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Butyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Isopropyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,

1-Propyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Ethyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Methyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
[1]Benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
2-Methyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2-Chlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(4-Methyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(4-Fluorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,4-Dimethyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(3-Chlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,4-Dichlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,5-Dichlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(4-Acetamido-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2-Fluorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(3-Fluorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2-Benzyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,6-Dimethyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(Indan-5-yl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2-Methoxy-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,3-Dimethyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,3-Dichlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(3-Chloro-4-methyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,5-Dimethyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(4-Chlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(1,2,3,4-Tetrahydronaphthalen-5-yl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(Dibenzothien-2-yl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(3-Methoxy-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one, or
1-(4-Carboxy-2-methyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one.

8. (New) A method according to claim 6, wherein the compound of formula I is

1-Phenyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Benzyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Cyclohexyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Cyclopentyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Butyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Isopropyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Propyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Ethyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-Methyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
[1]Benzopyrano[3,4-d]imidazol-4-(1H)-one,
2-Methyl-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,

1-Phenyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Benzyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Cyclohexyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Cyclopentyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Butyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Isopropyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Propyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Ethyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-Methyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
[1]Benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
2-Methyl-[1]benzothiopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2-Chlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(4-Methyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(4-Fluorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,4-Dimethyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(3-Chlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,

1-(2,4-Dichlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,5-Dichlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(4-Acetamido-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2-Fluorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(3-Fluorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2-Benzyl-oxy-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,6-Dimethyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(Indan-5-yl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2-Methoxy-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,3-Dimethyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-(1H)-4-one,
1-(2,3-Dichlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(3-Chloro-4-methyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(2,5-Dimethyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(4-Chlorophenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(1,2,3,4-Tetrahydronaphthalen-5-yl)-[1]benzopyrano-[3,4-d]imidazol-4-(1H)-one,
1-(Dibenzothien-2-yl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one,
1-(3-Methoxy-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one, or
1-(4-Carboxy-2-methyl-phenyl)-[1]benzopyrano[3,4-d]imidazol-4-(1H)-one.